

KB33S Bluetooth® Stereo Headphone Module

Description :

The KB33S is the turn-key module for folding Bluetooth® wireless music and hands-free headphone.

The KB33S is integrated very good audio quality to driven speakers. Simply connect KB33S to main power then to make the wireless connecting over Bluetooth® using the supplied Mobile phones / USB Dongle / Stereo Audio Gateway --- the maximum range can be up to 30 feet (10 meters).

It performs Audio streams in the High Quality Format of the Bluetooth® specification (A2DP / AVRCP / Hands-free / Headset profiles) which can be received from different audio sources :

- Mobile Phones and PDAs supporting the A2DP / AVRCP / Hands-free / Headset profiles
- Any analogue audio source like MP3 player, DVD, TV, CD player or stereo audio systems by connecting it to the Bluetooth® audio gateway with the 3.5 mm audio jack
- PCs, Notebooks or XP Media Center PCs equipped with the Bluetooth® Adapter which is provided with the USB Dongle.

Specification :

- ✧ Application : Bluetooth® Wireless Headphone
- ✧ Standard : Bluetooth® Ver 1.2 & 2.0
- ✧ Supported profiles : A2DP, AVRCP, HF(Hands-free) / HS(Headset) profiles
- ✧ Radio Frequency : 2.400~ 2.4835 GHz ISM band
- ✧ Radio Class : Class 2
- ✧ RF Output Power : ≤ +4dBm
- ✧ RF Sensitivity : -79dB
- ✧ Operating Range : up to 10 meters (30 feet)
- ✧ LEDs : Two Color LEDs for Pairing / Connection status
- ✧ Connector : mini-USB rechargeable DC connector
- ✧ Operation : Power, Volume Up, Volume Down, Talk and Play buttons
- ✧ Audio output : 0.3 Watt (R.M.S) per speakers
- ✧ Speaker impedance : 32 Ohm
- ✧ Frequency response : 20Hz to 20KHz
- ✧ Operating temperature : -20°C ~ +60°C
- ✧ Li-Polymer Battery : 3.7V, 380mA, 5.5 X 25 X 30(mm)